November 2003

AFRL awards more than \$4 million to universities

by Fran Crumb, Information Directorate

ROME, *N.Y.* — The Air Force Research Laboratory (AFRL) Information Directorate at Rome has recently awarded contracts and grants totaling more than \$4 million to colleges and universities across the country.

Institutions receiving funds for research programs related to the directorate's information technology mission include:

- University of Minnesota, \$800,000, "Situational Awareness Analysis Tool for Aiding Discovery of Security Events and Patterns."
- Arizona State University, \$799,576, "Cyber Signal/Noise Characteristics and Sensor Models for Early Cyber Indications and Warning."
- University of Utah, \$797,799, "Intuitive Visual Representation of Network Events to Improve Decision Making."

- Dartmouth College, \$701,777, "Process Query Systems for Cyber Indications and Warnings."
- University of Michigan, \$299,999, "Research in Architecture Approaches."
- University of New Orleans, \$277,752, "Intelligent Signal Processing for Integrated Sensor System."
- Polytechnic University of Brooklyn, \$260,634, "Steganalysis Based on Image and Audio Quality Metrics."
- University of Florida, \$98,511, "A Microwave-Photonic Analog-to-Digital Converter."
- New Jersey Institute of Technology, \$40,000, "Lossless Data Hiding without Salt-Pepper Noise and Robust to JPEG20000 Compression." @